

Appl. No. 10/620,880
Amdt. Dated January 14, 2005
Reply to Office Action of October 21, 2004

Amendments to the Claims:

This listing will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (Canceled)

Claim 2 (previously presented): A process for producing film-integrated gasket according to claim 21, wherein the resin film has a thickness of about 10.about.about 500 μm .

Claim 3 (Previously presented): A process for producing film-integrated gasket according to claim 21, wherein the rubber layer having an adhesiveness to the resin film is a rubber layer molded from liquid or paste rubber.

Claim 4 (Previously presented): A process for producing film-integrated gasket according to claim 3, wherein the liquid or paste rubber is silicone rubber.

Claim 5 (Previously presented): A process for producing film-integrated gasket according to claim 4, wherein the silicone rubber is an addition reaction type silicone rubber.

Appl. No. 10/620,880
Amdt. Dated January 14, 2005
Reply to Office Action of October 21, 2004

Claim 6 (Previously presented): A process for producing film-integrated gasket according to claim 3, wherein the rubber layer is a rubber layer having a Duro A hardness of 70 or less.

Claim 7 (Previously presented): A process for producing film-integrated gasket according to claim 3, wherein the rubber layer is a rubber layer having a Duro A hardness of about 10.about.about 40.

Claim 8 (Previously presented): A process for producing film-integrated gasket according to claim 21, wherein the gasket is used as a thin sealing element.

Claim 9 (Previously presented): A process for producing film-integrated gasket according to claim 8 for use in a fuel cell, a secondary battery or a condenser.

Claims 10-20 (Canceled)

Claim 21 (Currently amended): A process for producing a film-integrated gasket for sealing fluids of a fuel cell, said process ~~comprising:~~ comprising the steps of:

- a) providing a mold;
- b) providing a resin film in the mold;

Appl. No. 10/620,880
Amdt. Dated January 14, 2005
Reply to Office Action of October 21, 2004

- c) molding a rubber layer on said resin film to produce a film-integrated gasket, said rubber layer comprising an addition reaction type silicone rubber and having an adhesive component which bonds to said resin film and prevents contamination of fluid being sealed, the addition reaction type silicone rubber comprising: (A) 100 parts by weight of an alkenyl group-containing organopolysiloxane and (B) such an amount of organohydrogenpolysiloxane having at least 2 H atoms directly bonded to a Si atom in one molecule as to make 0.4 - 5.0 parts of the H atom to one part of the alkenyl group of component (A), and the adhesive component comprising (C) an organosilicone compound having at least one H atom directly bonded to a Si atom, sealed; and
- d) contacting the produced film-integrated gasket with an electrolyte solution.